

Patent Claims:

1. A pressure sensor module, in particular for electrohydraulic brake systems, with several pressure sensors arranged in a sensor housing (13) that is connected with its flange surface (4) to the mounting surface (5) of a hydraulic housing (12) in such a fashion that several pressure ducts (14) arranged in the sensor housing (13) and in the hydraulic housing (12) are interconnected,
c h a r a c t e r i z e d in that a cylindrical element (3) provided with two fastening sections (1, 2) is arranged between the flange surface (4) and the mounting surface (5) and extends from there with its diametrical fastening sections (1, 2) into the sensor housing and hydraulic housing (13, 12).
2. The pressure sensor module as claimed in claim 1,
c h a r a c t e r i z e d in that a first accommodating bore (6) opens into the flange surface (4) of the sensor housing (13), and the first fastening section (1) of the cylindrical element (3) extends into said accommodating bore in operative and/or positive engagement.
3. The pressure sensor module as claimed in claim 1,
c h a r a c t e r i z e d in that a second accommodating bore (7) opens into the mounting surface (5) of the hydraulic housing (12) and houses the second fastening section (2) of the cylindrical element (3) in operative and/or positive engagement.

4. The pressure sensor module as claimed in claims 2 and 3, characterized in that arranged between the two fastening sections (1, 2) of the cylindrical element (3) is a bead (8) with two annular surfaces, and its annular surface close to the sensor housing (13) is concealed by an edge of the first accommodating bore (6), while its second annular surface close to the hydraulic housing (12) is concealed by an edge of the second accommodating bore (7).
5. The pressure sensor module as claimed in claim 4, characterized in that both accommodating bores (6, 7) are coaxially aligned relative to each other, and in that at least one of the two accommodating bores (6, 7) includes a recess (9) into which the bead (8) plunges at least in part.
6. The pressure sensor module as claimed in claim 2 or 3, characterized in that the cylindrical element (3) includes at least one waist (10) of a great material hardness on the periphery of at least one of the two fastening sections (1, 2), into which waist either the material of the sensor housing (13) that is softer compared to the waist (10) or the material of the hydraulic housing (12) that is softer compared to the waist (10) is displaced for sealing and fastening purposes, depending on the depth of immersion of the element (3) into at least one of the two accommodating bores (6, 7).
7. The pressure sensor module as claimed in claim 6, characterized in that at least the fastening section (1, 2) of element (3) provided with the

waist (10) is made of steel, preferably of free-cutting steel, or brass.

8. The pressure sensor module as claimed in claim 6,
c h a r a c t e r i z e d in that the sensor housing (13) and/or the hydraulic housing (12) is made of light metal, preferably of an aluminum wrought alloy.
9. The pressure sensor module as claimed in claim 6,
c h a r a c t e r i z e d in that the sensor housing (13) and/or the hydraulic housing (12) is made of an extruded profile.
10. The pressure sensor module as claimed in claim 1,
c h a r a c t e r i z e d in that the cylindrical element (3) is designed as a pressure pipe for conducting the pressure prevailing in the hydraulic housing (12) in the direction of the sensor housing (13).
11. The pressure sensor module as claimed in claim 1,
c h a r a c t e r i z e d in that the cylindrical element (3) carries a measuring element (11) for detecting the pressure in the hydraulic housing (12), to what effect the cylindrical element (3) is configured as a meter tube, with the measuring element (11) being fastened to the meter tube end directed into the sensor housing (13).
12. The pressure sensor module as claimed in claim 1,
c h a r a c t e r i z e d in that the first fastening section (1) is operatively and/or positively connected to the sensor housing (13), while the second fastening section (2) is operatively and/or positively connected to the hydraulic housing (12).